BOOK

...ons		Cor...	Reference to last ...easurement
...readth 5	Depth 6		8
Total:		36,80,649-00	
IT-		36806-00	
CESS-		36806-00	
CBF-		3681-00	
LR-		37543-00	
Fine-		20125-00	
CGST-		36806-00	
SGST-		36806-00	
Adju-		208573-00	
Cheque:		34,72,076-00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355109

Serial No. 1st & Final Bill
Name of Work ...Improvements to Roads and drains at... From ...Ambedkar... To ...colony cross roads
Name of Contractor of nature of Agency ...Dasarahalli in ward No.06, Byatarayanapura Sub division
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Name of Contractor : Sri. V Chandrappa						
	Work Code : 006-15-000027						
	Work order : EE/H/BTP/WO/17/2016-17						Date: 30/04/2016
	Estimate Cost Rs: 30.00 Lakhs						
	Date of Completion :						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	trenches 1.5m and above in width, in 1.5m, in depth including dressing the bottom and sides of Pits and trenches, Stacking the Excavated Soil clear from edges of Excavation with lead upto 50m, after breaking of clods Completed as per Specifications.				Hard	Soil not Exceeding	
	Qty vide Page NO.	355166			of JMB	357.75 cum	
		@ Rs 268.03/-				Rs 95888.00	
INO. 02.	Providing and laying in position plain Cement Concrete of mix M 1:4:8 with OPC Cement @ 180 Kgs, with concrete of 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregate @ 0.57cum machine mixed, concrete laid in layers not, Exceeding 15cms, thick, well						

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

ate	Full description, etc, of work	N
	2	
	Compacted, in foundati labour, HOM of machin Qty vide Page No.	@
IA/0. 03.	Providing and rewing and removal of form haunchings, Cantilever 1m in depth including Per Specifications.	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
dth, in sing the bottom and sides of Excavated soil clear from d upto 50m, after breaking of ticons.	Hard		Soil not Exceeding	
... of	TMB		357.75 cum	
.03/- ...		Rs	95888.00	
ion plain Cement Concrete of nt @ 180 kgs, with concrete of granite metal coarse aggregates @ 0.57 cum machine mixed, Exceeding 15cms, thick, work				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355110

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Qty vide Page No.	355166/2			of TMB	71.55	cum
		@Rs 4713.12/-				Rs	337224.00
R/C/C 03	Providing and removing centering, shuttering, Strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, Cantilever girders, bressemers and lintels not exceeding 1m in depth including cost of all materials, labour Complete as Per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Page NO. .	355167/2			of THB	1272.00	Sqm
		@Rs 250.97/-				Rs	319234.00
INO. 05.	Providing T.M.T Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position lapping and /or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design cost of materials, labour, HOM of machinery complete as per specifications						
	Qty vide Page NO.	355168/2			of THB	12.02	Qtl
		@Rs 64884.49/-				Rs	779912.00

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work
	2
INO 04.	Providing and laying ... with OPC cement @ 320 ... metal coarse aggregate ... with superplastisizer @ ... labour HOM of machi... Ambedkar colony Cross road-1 LHS
	RHS

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
..of	THB	1272.00	Sqm
		Rs	319234.00
for R.C.C work including ing, placing in position, ere required, tying with the adjoining members per design cost of materials, lete as per specifications			
..of	THB	12.02	Qtl
		Rs	779912.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355111

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2NO 04	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregate @ 0.878cum and fine aggregate @ 0.459cum with Superplastisiser @ 3.2lts etc., including cost of all materials, labour HOM of machinery, curing, complete as per specifications						
	Ambedkar colony						
	Cross road-1 LHS	1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	3.00	0.75	0.15	0.34	
		1	18.00	0.75	0.15	2.03	
	RHS	1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.75	0.15	3.38	
		1	2.70	0.75	0.15	0.30	
		1	18.00	0.75	0.15	2.03	
	Cross road - 2 LHS	1	3.50	0.75	0.15	0.39	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	22.70	0.75	0.15	2.55	
		1	10.00	0.75	0.15	1.13	
	Cross road RHS	1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
	LHS	1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	28.80	0.75	0.15	3.24	
	Side coall	2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	3.00	0.15	0.60	0.54	
		2	18.00	0.15	0.60	3.24	

rial No. .....
me of Work ..... F
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Num
	2	3
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2
		2

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
00	0.75	0.15	3.38	
0	0.75	0.15	6.30	
00	0.75	0.15	2.03	
50	0.75	0.15	0.39	
00	0.75	0.15	3.38	
00	0.75	0.15	3.38	
70	0.75	0.15	2.55	
00	0.75	0.15	1.13	
00	0.75	0.15	3.38	
00	0.75	0.15	3.38	
00	0.75	0.15	3.38	
00	0.75	0.15	3.38	
00	0.75	0.15	3.38	
80	0.75	0.15	3.24	
00	0.15	0.60	5.40	
00	0.15	0.60	5.40	
00	0.15	0.60	5.40	
0	0.15	0.60	0.54	
00	0.15	0.60	3.24	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355112

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	2.70	0.15	0.60	0.49	
		2	18.00	0.15	0.60	3.24	
		2	3.50	0.15	0.60	0.63	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	22.70	0.15	0.60	4.09	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	28.80	0.15	0.60	5.18	
					Total	143.48	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Qty led to		143.10	Item
		@Rs 5761.15/-				. . . Rs	824421.00
INO. 06.	Precast slab 20mm and down size for slab including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machine mixed using complete as per specifications C.C 1:1.5:3 including all cost of material. Ambedkar Colony.						
	Cross road-1 LHS	1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	
		1	3.00	0.75		2.25	
		1	18.00	0.75		13.50	
	RHS	1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	

M. A. R. 57
Measure

rial No. .....
me of Work ..... From.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number	Le
	2	3	
		1	30
		1	2
			@Rs 1725
INO. 07.	Lead for Disposal of Debris Mechanical means including Qty same as		@Rs 62

ENT BOOK

imensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
		Qty Add to	143.10	Cum
15/-			Rs	82421.00
ete for Slab including centring				
ed Concrete laid in layers				
ll compacted cost of all				
luisites curing complete as				
including all cost of material.				
00	0.75		22.50	
0	0.75		22.50	
00	0.75		22.50	
0	0.75		2.25	
0	0.75		13.50	
00	0.75		22.50	
00	0.75		22.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355113

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	0.75		22.50	
		1	2.70	0.75		2.03	
					Total	152.78	
				Qty Add to		151.20	Sqm
		@Rs 1725.77/-				Rs	260936.00
No. 57.	Lead for Disposal of Debris shall be payable at Carage rates by Mechanical means including loading and unloading From 0.00 to 2.80 km						
		Qty Same as Item No. 1			Total	357.75	Cum
		@Rs 62.57/-				Rs	22384.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
INO. 08.	Earthwork excavation for foundation of buildings, water Supply, Sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications. Qty vide Page No.	355.169				117.00 Cum	
	@Rs 207.89/-					Rs	24323.00
INO. 09.	Providing and installing at site of work 63mm PVC pipes of 6 Kg/cm² including cost of pipes and Specials and labour, including lowering into trenches, laying true to line,						

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te	Full description, etc, of work	Num
	2	3
	level and perfect link of approved type with charges including excavation 15cms with gravel excavation etc., complete Qty vide Page No.	3
	C/F C	
	15/11/2018	
No. 0.	Refilling available ear exceeding 20cms in d ramming after watering	

T BOOK

nsions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
of buildings, water Supply,			
duits either in pits or in			
, in hard soil not exceeding			
g the bottom and sides			
the Excavated soil clear from			
upto 50m after breaking of			
es			
. . of THB		117.00	Cum
. . . . . Rs			24323.00
of cook 63mm PVC pipes of			
nd Specials and labour,			
, laying true to lines			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355114

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	level and perfect linking at joints leak proof including jointing of approved type with all labour and left charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete						
	Qty vide Page No. 355169/2				of THB	260.00	Mtr
	@Rs 340.9/-					Rs	88634.00
	C/FC						
	2nd W						
No.	15/11/2018						
o.	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, Compacting each deposited layer by ramming after watering with lead upto 50m and left upto 1.5m						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Including cost of all labour complete as per specifications. Qty same as Item No.8 @Rs 55.18/-					117.00 Cum . . . Rs 6456.00 TOTAL	2759411.00

CERTIFICATES:

1. The Contractor has done the work satisfactorily.
2. There is no any departmental issues to the Contractor.
3. The Contractor has removed debries from the workplace.

15/11/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

15/11/2018

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

M. A.
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rial No. .....
me of Work ..... From
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number
	2	3

Dasarahalli Main Road

15/11/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

T BOOK

nsions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
plete as per specifications.			
NO.8		117.00 Cum	6456.00
. . . . .		. . . Rt	
		TOTAL	2759411.00
e work satisfactorily.			
ial issues to the Contractor.			
l debries from the workplace.			

15/11/2018

ಶಾಖಾ ಅಭಿಯಂತರರು ಬೃಹತ್ ಬೆಂಗಳೂರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355115

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Dasarahalli Main Road						
	Cross Road						
	Cross Road						